

KHVASHCHEVSKAYA, Ya.S., Cand Phys Math Sci -- (diss)

Certain problems of method of infrared spectroscopy."

Minsk, 1958, 7 pp (Min of Higher Education USSR.

Belorussian State Univ im V.I. Lenin. Chair of Spectral

Analysis) 180 copies (KL, 28-58, 103)

- 1 -

AUTHORS: Stepanov, B.I. and Khvashchenskaya, Ya.S. SOV/51-5-4-7/21

TITLE: Background of Thermal Radiation in Infrared Spectroscopy (Fon teplovogo izlucheniya v infra.krasnoy spektroskopii)

PERIODICAL: Optika i Spektroskopiya, 1958, Vol 5, Nr 4, pp 393-403 (USSR)

ABSTRACT: The authors obtained formulas which allow for the effect of thermal emission of the radiation receiver and the cell containing the substance studied in infrared spectroscopy. This emission is called a "negative radiation flux". Fig 1 shows, schematically, an infrared spectrometer. Figs 2-5 show that metals (e.g. Al, Cu, Sn) and other substances (e.g. cyclohexanol) possess emissivities at room and at low temperatures (e.g. -140° C) which must be taken into account in any complete discussion of thermal radiation balance in infrared spectroscopy. Fig 6 shows that positive and negative radiation fluxes are present also in scattering processes (scattering by MnSO₄ powder). It is shown that cold bodies may be used as light sources in determination of absorption coefficients. In determination of the temperature dependence of the absorption coefficients even emission of the cell

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Background of Thermal Radiation in Infrared Spectroscopy

SOV/51-5-4-7/21

windows has to be allowed for. The author discusses the precautions necessary in the particular cases of glycerin (Fig 7) and cyclohexane (Figs 8, 9) measurements. Allowances for the thermal radiation background in the method of determination of the absorption coefficient from emission by a plane-parallel layer (Refs 10, 11) are also discussed. There are 10 figures and 11 references, 10 of which are Soviet and 1 American.

ASSOCIATION: Institut fiziki i matematiki, AN BSSR, Belorusskiy gos. universitet im. V.I. Lenina (Institute of Physics and Mathematics, Academy of Sciences of the Byelorussian S.S.R. Byelorussian State University imeni V.I. Lenin)

SUBMITTED: October 31, 1957

Card 2/2 1. Infrared spectroscopy--Temperature factors 2. Thermal radiation
 --Properties

STEPANOV, B.I.; KHVASHCHEVSKAYA, Ya.S.

Determining the coefficient of absorption by means of thermal
emission spectra of semitransparent plane parallel layers.
Inzh.-fiz. zhur. no.10:82-87 O '58. (MIRA 11:11)

1. Institut fiziki i matematiki AN BSSR i Belorusskiy gosudarstvennyy
universitet imeni V.I. Lenina, g. Minsk.
(Absorption spectra)

AUTHORS: Stepanov, B. I., Khvashchhevskaya, Yu. S., Sov/48-22-9-20/40

TITLE: Spectroscopy of Negative Currents of Radiation Energy
(Spektroskopiya otritsatel'nykh potokov luchistoy energii)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1958,
Vol 22, Nr 9, pp 1089 - 1092 (USSR)

ABSTRACT: If a correct interpretation of experimental data
of infrared spectroscopy or of high-temperature
spectroscopy is desired it is indispensable to take
into account the background heat radiation and primarily
the heat emission of the substance in question, of
the radiation receiver and even of the material of
the cuvette window. Contrary to positive currents the
maximum value of negative currents is limited. Hence
the effect of the negative currents is comparatively
small and often remains unnoticed. The various occurring
in particle systems under the influence of negative
currents are equivalent to usual effects. The negative
current is either absorbed, dispersed or reflected.
Considerations of a purely theoretical nature induced

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Spectroscopy of Negative Currents of Radiation Energy SOV/48-22-9-2o/4o

the authors to engage in experimental investigations. Even the first experiments showed that the negative currents can easily be recognized. They exhibit the usual properties of positive currents. They can be used for the determination of the energy level, of the absorption coefficients, of the indices of refraction, of the duration of the excited state, of the yield, of the indicatrix of dispersion etc. Noticeable negative currents are obtained in the infrared range. If the cuvette containing the substance is heated to high temperatures, they can even be recorded in the visible range. In the study of the properties of negative currents which propagate from a cold source towards the cuvette the heat emission of the radiation receivers must be taken into account. This emission is also very high and remains unnoticed only because it is compensated in the encounter with the currents emitted by the cuvette or by other outside objects. The experimental results fully justify the use of the concept of negative currents. It permits to interpret correctly numerous experimental

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Spectroscopy of Negative Currents of Radiation Energy SOV/48-22-9-20/4o

effects and to extend the range of application of the known formulae of theoretical optics. Recently Veyngarov and his collaborators discovered a negative optic-acoustical effect (Ref 3). This phenomenon fits into the general scheme of the processes investigated. There are 3 figures and 6 references, 6 of which are Soviet.

ASSOCIATION: Belorusskiy gos. universitet, Institut fiziki i matematiki Akademii nauk BSSR (Belorussiya State University, Institute of Physics and Mathematics, AS Belorusskaya SSR)

Card 3/4

SOV/58-59-8-19035

Translated from: Referativnyy Zhurnal Fizika, 1959, Nr 8, p 282 (USSR)

AUTHORS: Stepanov, B.I., Khvashchevskaya, Ya.S.

TITLE: The Absorption of Negative Radiation Flux

PERIODICAL: Uch. zap. Belorussk. un-t, 1958, Nr 41, pp 19-26

ABSTRACT: It was shown earlier (RZhFiz, 1958, Nr 6, 14281) that, in order to measure the absorption coefficient correctly, it is necessary to make allowance for the temperature and emissive capacity not only of the light source, but also of the cell containing the material under investigation and of the radiation receiver. In the present study a general expression is given, which applies to the most diverse experimental conditions and permits the discounting of these effects. Their influence is greatest in the infrared region of the spectrum. The results of the experimental verification of the derived correlations are given. The authors record the absorption spectra of nitrobenzene and fused-quartz powder, from a source of positive radiation (a heated body), as well as from a source of "negative" radiation (a cooled body), and also when no radiation source is present but the cell

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SOV/58-59-8-19035

The Absorption of Negative Radiation Flux

The spectra prove to be identical in every case but are differently situated with respect to the zero line. Their regularities are well described by the derived formulae. These formulae can also be applied to the negative optical-acoustic effect recently described by Veyngarov and his collaborators (RZhFiz, 1958, Nr 1, 2087). The results may prove useful for the elaboration of new methods of infrared spectroscopy.

G.O. Neuymin

Card 2/2

KHvASTCHEVSKAYA, Ya.S

Stepanov, B. I. *Adrodontia* 13
Belarusian SSR
207/15-25-19/57

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THE JOURNAL OF EDUCATION

On the basis of experimental data A. N. Savenko obtained approximate formulas in the determination of genuine values of optical characteristics of the substances examined. In this paper, the π -DADMAC examined absorption and luminescence spectra with large overlapping of absorption and luminescence spectra.

A. N. Savenko, succeeded in obtaining fundamental results in the orientation of luminescence of phosphonate waxes. He also showed that the efficiency of quenching collisions may be much less than one.

In Gomel', under the direction of A. B. Stepanchik, researches on the influence of the solvent on the field of fluorescence as well as the absorption and emission spectra.

In Saratov, G. V. Gurariyev, A. M. Kurbatov examined the luminescence polarization of such organic molecules. At the same time they defined an apparent approach.

In Saratov, G. V. Gurariyev, A. M. Kurbatov examined the luminescence polarization of such organic molecules. At the same time they defined an apparent approach.

In Dr. Serebryakov's work in the field of lead compounds of heterocyclic complexes, the optical properties of chlorophyll and related compounds, which are being carried out in close cooperation with the Institute of Biophysics Academii Nauk SSSR (Institute of Biophysics, Belozerskaya 22/3), Institute of Chemistry of Polymers (Vorontsovskaya 30), and the Institute of Technology (Vorontsovskaya 26), V. V. Tikhonova, generalized the

Chapt 37
G. Stepanov, N. B. Stepanov examined cellulose and 516
products of transformation of cellulose at high pressure in
P. G. Shchukin's laboratory. Stepanov worked at high pressure in
order to study the properties of cellulose by means of
spectroscopic methods. G. Stepanov examined the crystalline
form of cellulose. G. Stepanov examined the crystalline
plastics of cellulose by means of nitrogen dioxide, acidic

and dilution. P. L. Stoyanov, A. Ia. Lebedeva, Yu. I. Sosulin, A. M. Pleshko examined the sorbitizing process of cellulose.

H. H. Hardegenkampf, F. K. Tammelski examined the oxidant celluloses with the use of absorption spectrometry in the ultraviolet range.

H. H. Hardegenkampf and collaborators explore photoelectrically the description of coloring substances on celluloses.

J. B. Treschtschik, E. I. Gavrilev examined the influence of cellulose fractions.

F. F. Stoyanov, Yu. I. Chatalashnik determined the dependence of the spectra of dispersed objects on the reduction ratio, the character of the binding agent, and the layer thickness.

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1. 17703-65

ACCESSION NO. 74-4877-10

Classification for entire file: CONFIDENTIAL
8 Figures and 10 Tables

ASSOCIATION FOR RADIOGRAPHIC PHYSICS

SUBMITTED 1965

NO REP. SOVIA-000

Card 2/2

21(7)
AUTHORS:

Koval'skiy, N. G., Podgornyy, I. N.,
Khvashchevskiy, S.

SOV/50-35-4-16/52

TITLE:

The Energy of X-Ray Radiation Emitted by a Strong Pulsed
Discharge in Hydrogen (Energiya rentgenovskogo iz-
lucheniya, ispuskayemego moshchnym impul'snym razryadom
v vodorode)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,
Vol 35, Nr 4, pp 940 - 946 (USSR)

ABSTRACT:

Already in 1953, after the discovery of hard X-ray
radiation accompanying an extensive discharge in
hydrogen or deuterium, tests were carried out for
the purpose of estimating the limits of this energy
spectrum. For this purpose the filtering method,
the method of measuring the length of recoil electron
tracks in thick nuclear emulsions, the method of the
shielded recorder, and the method of the nuclear
photoeffect (reaction (γ, n) on Be) were employed.
In the present paper the authors employed the method
of the track length of recoil electrons in a cloud

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The Energy of X-Ray Radiation Emitted by a Strong Pulsed SOV/56-35-4-16/52
Discharge in Hydrogen

chamber. For the purpose of determining the energy of X-ray quanta according to electron energy it is necessary to know whether the electrons originate from a photo- or a Compton effect. Conditions are illustrated by figure 1 in form of a diagram. Within the range of 200 - 400 keV the photoeffect in air may be neglected as against the Compton effect, but this is not the case with the formation of photoelectrons on the glass walls of the chamber. For the production of the pulsed discharge a battery consisting of 12 condensers of the type IM-3/50 ($36 \mu F$) was used; the discharge took place in a porcelain tube of 1 m length and 17 cm diameter; hydrogen pressure in the tube amounted to $6 \cdot 10^{-2}$ torr. With a voltage of 40 kV (200 kA) on the condenser battery, this pressure permitted maximum discharge amperage. Figure 2 shows a block scheme of the test device which is described with all details. Measuring results are shown by 3 diagrams (Figs 4-6):Figure 4 shows the energy distribution

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The Energy of X-Ray Radiation Emitted by a Strong Pulsed SOV/56-55-4-16/12
Discharge in Hydrogen

of the recoil electrons which were formed under the influence of X-ray radiation; figure 5 shows the energy distribution of the electrons formed by X-ray radiation in the tube for $U_{\text{anode}} = 240$ kV, figure 6 shows the same for $U_{\text{anode}} = 285^{\text{MAX}}$ kV. The following summary of investigation results is given: 1) The times of the formation of neutron- and X-ray-radiation in the discharge process coincide. 2) The deuterons responsible for the occurrence of neutrons in deuterium discharges are accelerated in the direction of the cathode; the intensity maximum of X-ray and neutron radiation is in the zone near the anode. 3) X-ray- and neutron radiation is observed in one and the same zone of the primary gas pressure in the discharge tube. 4) By estimation of the maximum deuteron energy a value of 250 keV is obtained; this value is in good qualitative agreement (within the limits of measuring errors) with the energy limit of the X-ray spectrum (320 kV). The authors thank L.A.Artsimovich

Card 5/4

The Energy of X-Ray Radiation Emitted by a Strong pulsed C.N./S-1-17/22
Discharge in Hydrogen

and S.Yu. Luk'yanov for valuable discussions, and
T.L.Astiani for his help in preparing the cloud chamber.
There are 6 figures and 3 references, 4 of which are
Soviet.

SUBMITTED: May 27, 1958

Card 4/4

39112
S/058/62/0007006/009/136
A061/A101

9,6150

AUTHORS: Khvashchevska, Ya., Dybovski, K., Khvashchevski, S.

TITLE: [Fabrication] technique and characteristics of silicon alpha-particle counters

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 10, abstract 6B78
("Inst. badan Jądrow. PAN", 1961, no. 242/1-B, 9 pp., ill., Russian
and Polish summaries)

TEXT: A fabrication technique for Si detectors with surface barrier, to serve for alpha-particle recording, is described, and their main working characteristics are indicated. n-type Si of a resistivity of 100 - 300 ohms·cm was used in the detector fabrication. The detector thickness ranged between 1 and 1.5 mm. The surface barrier was formed by coating one side of the Si plate with a thin gold film. The spectrum of Pu²³⁹ alpha particles, which is presented, was measured at a counter voltage of 5 v and a loading impedance of 100 kilohms. The resolving power, measured on the Pu²³⁹ alpha line, was found to be 5%. The signal-to-noise ratio was 29. The linearity of the function between pulse amplitude and alpha-particle energy was examined. In all of the detectors produced,

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A061/A101

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[Fabrication] technique and...

this function was found to be linear up to an alpha-particle energy of 5 Mev.
The time of pulse growth depended essentially on the pass-band of the amplifier
and amounted to 0.2 - 0.3 μ sec.

Ya. M.

[Abstracter's note: Complete translation]

Card 2/2

KHVASHCHEVSKIY, S. [Chwaszczewski, S.]

[Interaction of fast plasmoids with the barrier of an
alternating magnetic field] Vzaimodejstvie bystrykh plaz-
moidov s bar'jerom peremennogo magnitnogo polya. Verchava,
In-t iadernykh issledovanii issledovani, 1969, 12 p.
(TUPA 18:12)

KHIVASHCHEVSKI, Stefan [Chwaszczevski, Stefan]

Coaxial plasma gun. Nukleonika 7 no.9:539-546 '62.

1. Institut yadernykh issledovaniy, Polskoy akademii nauk,
Otdeleniye reaktornoy tekhniki, Varshava.

PIARCHENKO, V. V., M. V. TITOV, Yu. S.

Heat emission from a fluidized bed of a fine grain heat carrier
to the pipe surface. Khim. prom. 41 no.2:54-57 F '65.
(MIRA 284)

1. KHVASTUNOV, M. Eng.
2. USSR (600)
4. Television Broadcasting
7. Television. Rabotnitsa 31 No. 1, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

KHVASTUNOV, M., inzhener.

To the sun. Tekh.mol.22 no.3:10 Mr '54. (MLRA 7:2)
(Interplanetary voyages)

AUTHOR: Khvastunov, M. SOV/29-58-10-20/26

TITLE: The Book on Scientific Heroism (Kniga o nauchnom podvige)

PERIODICAL: Tekhnika molodezhi, 1958, Nr 10, pp 29 - 29 (USSR)

ABSTRACT: This is a review of the novel "Magnetron" published by the publishing house Detgiz in 1957. It is difficult to find out what is of greater importance in the life of the author G.I.Babat, science or literature. Babat is a scientist and Doctor of Technical Sciences. He became known by a number of new and interesting ideas on the application of high frequency technique. At the same time he is the author of quite a number of popular science books. In his books we find a combination of poetry and mathematically precise descriptions of phenomena and consequences. Already in this book the author's preference of literature becomes obvious. The book "Magnetron" which Babat wrote together with A.L.Garf could not have been written by an author without scientific knowledge. The main topic of the book is science. It is an example of a novel written by an artist in such a way that it may be

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The Book on Scientific Heroism

SOV/29-58-1e-2e/28

understood by everybody. At the same time it reports on living people, their fates and passions. The novel has numerous heroes. Some of them are strikingly described, some are delineated less good. But there are no empty and insipid characters. Each character has its own, personal features and distinguishes himself from the others. In short the reader is fascinated.

Card 2/2

KHVASTUNOV, M. (Kirgizskaya SSR)

Here they are mining lead. Izohr.i rats. no.12:28-29 D '59.
(MIRA 13:8)
(Kirghizistan--Lead mines and mining)

KHVASTUNOV, M.S.

[Some remarks on inelastic interaction of nucleons] Nekotorye
zamechaniia o neuprugom vzaimodeistvii nuklonov. Dubna, Ob"edi-
nennyi in-t iadernykh issledovanii, 1961. 5 p. (MIRA 14:12)
(Nucleons)

VISHKI, T.; GRAMENITSKIY, I.M.; KORBEL, Z.; NOMOFILOV, A.A.; PODGORETSKIY,
M.I.; ROB, L.; STREL'THOV, V.N.; TUVDENDORZH, D.; KHVASTUNOV, M.S.

Inelastic interactions between protons and nucleons at an energy
of 9 Bev. Zhur.eksp.i teor.fiz. 41 no.4:1069-1075 O '61.
(MIRA 14:10)

1. Ob'yedinennyi institut yadernykh issledovaniy.
(Protons) (Nucleons)

SHTEYNBUK, Shnayor Yevseyevich; KHVASTUNOV, N.O., nauchnyy red.;
FOMICHEV, A.G., red.; SHISHKOVA, L.M., tekhn.red.

[Gas cutter] Rabochii-gazoreschik. Leningrad, Gos.sciuznoe
izd-vo sudostroit.promyshl., 1960. 151 p. (MIRA 13:?)
(Gas welding and cutting)

KHVASTUNOV, Nikolay Georgiyevich; NIKOLAYEV, N.A., red.;
TELYASHOV, R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn.
red.

[Using Leningrad city gas in cutting metals] Rezka metalla
s primeniem leningradskogo gorodskogo gaza. Leningrad,
1963. 20 p. (Leningradskii dom nauchno-tekhnicheskoi pro-
pagandy. Obmen perevodov optyom. Seriya: Svarka, rezka i
paika metallov, no.3) (MIRA 16:10)
(Leningrad--Gas welding and cutting)

DEMENT'YEV, V.M.; NEKRILEBATEV, Yu.P.; TISHCHENKO, A.T.; KHVASUKHIN, Yu.I.;
IVANOV, G.A.

Flameless burning of gas in a furnace with a fluidized bed. Gaz.
prom. 10 no.6:29-32 '65. (MIRA 18:6)

KUVAT, I. R. "A study of the processes of filtering sodium bicarbonate on rotating vacuum filters", Trudy Vsesoyuz. in-ta sovremennoy pro-sti, Vol. V, 1949, p. 195-220, - Bibliog.: 23 items.

SO: U-4631, 16 Sept. 53, (Leteris 'Zhurnal 'nykh Statey, No. 24, 1949).

KHVAT, Lev Borisovich; KUMKES, S.N., red.; KOSHELEVA, S.M.;
tekhn. red.

[Coming from afar] Prishedshie izdaleka. Moskva, Geog-
rafgiz, 1963. 188 p. (MIRA 17:1)
(Antarctic regions)

KHVAT, Lev Borisovich.

Besprizernyi perelet. Unprecedented flight 7. Moskva, Partizdat TSK VKP(b) 1936.
156 p. plates, ports., 2 maps (1 fold.).

PLC: TL721.755K5

SC: Soviet Transportation and Communications. A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified.

KHVAT, L.

KHVAT, L., and LAZAR' KONSTANTINOVICH BROUTMAN.

Geroicheskii perelet "Rodiny." Moskva, Gospolizdat, 1938. 76 p.,
1 l., ports.

Title tr.: The heroic flight of "Rodina."

TL721.G67B7

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

KHVAT, Lev Borisovich; SHCHERBAKOV, D.I., akademik, redaktor; KUMKES, S.N.,
redaktor; NOGINA, N.I., tekhnicheskij redaktor

[Mysterious continent] Zagadochnyi materik. Moskva, Gos. izd-vo
geogr. lit-ry, 1956. 287 p.
(Antarctic regions) (MLRA 10:1)

LITVINENKO, M.S.; KHVAT, M.B.; BRODOVICH, A.I.; PERTSEVA, N.Ya.;
PERMAN, N.M.; Prinimali uchastiye: LOPATINSKIY, D.K.; AGARKOVA, V.I.;
SAMOKHVALOVA, N.N.; KRONIK, I.L.

Obtaining sodium thiocyanate for the manufacture of nitron fibers.
Koks i khim. no.6:34-40 '63. (MIRA 16:9)

1. Ukrainskiy uglekhimicheskiy institut (for Livinenko, Khvat,
Brodovich, Kronik, Pertseva). 2. Khar'kovskiy koksokhimicheskiy
zavod (for Perman).
(Textile fibers, Synthetic) (Sodium thiocyanate)

KHVATIYA, R.A.

USSR/Cultivated Plants. Subtropical. Tropical.

M-8

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20538.

Author : R.A. Khyatiya

Inst : The Chakvi Affiliate of the All-Union Scientific Research
Institute for Tea and Subtropical Cultures.

Title : Supplemental Pollination with a Pollen Mixture in the Seed
Raising of Tea.
(Dopolnitel'noye opyleniye smes'yu pyl'tsy v semenovodstve
chaya).

Orig Pub: Byul. Vses. n.-i. in-ta chaya i subtrop. kul'tur, 1957,
No 1, 76-82.

Abstract: At the Chakvi affiliate of the Institute during 1954-1957,
the effect of pollinating with a pollen mixture on pro-
ductivity and seed quantity (No. 6 of the Chinese variety)
was studied. Pollen of Chinese, Indian and Japanese teas

Card : 1/2

ZVONKOVA, Z.V.; KHVATKINA, A.N.

Atomic structure of cyanamide. Kristallografiia 6 no.2:184-189
Mr-Ap '61. (MIRA 14:9)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova.
(Spectrum, Atomic) (Cyanamide)

ZVONKOVA, Z. V.; KRIVNOV, V. Ya.; KHVATKINA, A. N.

New determination of the atomic and electronic structure of
dicyandiamide. Dokl. AN SSSR 155 no. 2: 98-401 Mr '64.
(MIRA 17:5)

1. Fiziko-khimicheskiy institut im. L. Ya. Karpova.
Predstavлено академиком S. S. Medvedevym.

KHVATKOV, A. N., Engineer

"Investigation of Starting of Automobile Carburetor-Type Engines 'ZIS-120',
'GAZ-51,' 'Fobdea,' and 'Moskvich.'" Sub 16 Feb 51, Moscow Automotive
Mechanics Inst

Dissertations Presented for science and engineering degrees in
Moscow during 1951.

SC: SUW. No. 480. 9 May 55

SMETNEV, N.N., inzh.; KHVATKOV, A.N.

Studying the starting of diesel engines abroad. Vest.mash. 38
no.9:77-80 S '58. (MRA 11:10)
(Diesel engine--Starting)

KHVATKOV, N.M.; MAKIYENKO, V.F.

Application of ultrasonics for removing scale from heat-exchange apparatus. Koks i khim. no.16:46-49 '61. (MIRA 15:2)

1. Kadiyevskiy koksokhimicheskiy zavod.
(Heat exchangers)
(Ultrasonics)

KHVATKOV, N.M.

Oil coolers made with "antigmit" (graphite plastic) pipes. Koks i
khim. no.1:57-59 '63. (MIRA 16:2)

1. Kadiyevskiy koksokhimicheskiy zavod.
(Pipe, Plastic) (Oil coolers)

25(5)

SOV/117-59-8-10/44

AUTHOR: Khvatkov, P.A., Engineer

TITLE: A Unique Agglomeration Unit

PERIODICAL: Mashinostroitel', 1959, Nr 8, pp 4-5 (USSR)

ABSTRACT: The article describes a new agglomeration machine developed at the Uralmashzavod. The new machine "K-1-200/-312" is a conveyer unit which agglomerates, warms the charge by hot gases, and accomplishes the initial cooling of the ready agglomerate in one continuous process. The work surface of the agglomeration belt is 4 m wide, and the overall area of the gas-suction vacuum chambers is 31.2 m². The productivity of the machine is 240/350 tons per hour; the maximum thickness of the agglomeration layer 0.4 m; and the overall length of the machine is 103 m. The automatic control system for the agglomeration process is under development at the Leningrad institute "Mekhanobr". There is 1 photo.

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SOV/117-59-8-10/44

A Unique Agglomeration Unit

ASSOCIATION: Otdel glavnogo Konstruktora gornorudnogo mashinostroyeniya Uraimashzavoda (Department of the Chief Designer for Mining Machine Building of the Uralmashzavod).

Card 2/2

KHVATOV, A.; MATEVSKO, A., RYBAL'SKAYA, M.

Our goal is profitability! Rech. transp. 23 no.12.9-10 p 164.
(MIRA 18;6)

1. Nachal'nik otdeka passazhirskikh perevozok Severo-zapadnogo
rechnogo parokhodstva (for Khvatov). 2. Leningradskiy institut
vodnogo transporta (for Matevsko, Rybal'skaya).

KHVATOV, A.-D.

Changes of catalyst in poisoning. A. D. Khatayev (Moscow State Univ.). *J. Gen. Chem. (U.S.S.R.)* **16**, 407-11 (1946). - Confirmation was secured for the supposition that, on poisoning of 25% catalyst by CO, there occurs not only an intensive topotactic change of the surface but also the change of structure of the components of the catalyst which changes the basic course of the reaction. The change in Ni is apparently the detg. factor in the changes of the other catalyst components. The greatest drop of activity corresponds to the greatest change of disperse nature of the catalyst and a min. amt. of removed metal. The control reaction used was the dehydrogenation of cyclohexene. G. M. Kosobudov

ASME-1A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722430001-2"

LCCN(2-67) EPT(d)/EPT(c)/EPT(v)/EPT(k)/EPT(h)/EPT(l)

ACC NR: AP6039981

(A; N)

SOURCE CODE: UR/0413/66/000/015/0193/0193

5

INVENTORS: Putsyn, D. P.; Gusev, A. I.; Filatov, G. V.; Dartau, A. N.; Mazayov, A. N.; Novak, G. A.; Yelagin, P. Ya.; Khvatov, A. I.; Dyukov, A. I.; Kropik, B. A.

ORG: none

TITLE: A shop for assembling large structures of flying machines. Class 62,
No. 184138

14

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 193

TOPIC TAGS: construction machinery, aircraft

ABSTRACT: This Author Certificate presents a shop for assembling large structures of flying machines. The shop contains columns sunk into the foundations, horizontal beams fixed on top of the columns, cups with fixing devices, and clevises holding receptors and wedges. To shorten the assembly time and to rearrange the shop repeatedly, bearing plates are fixed to the columns, beams, and cups. These plates have a network of coordinating holes which receive pins connecting the plates to one another. The fixing devices of the cups are tied to the coordinating holes in the spacing strip placed in an aperture in the beam. The bottom of this

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aperture also contains coordinating holes for fixing the separating strip to the plate of the horizontal beam.

SUB CODE: 01/ SUBM DATE: 01Mar65

The development of normal and experimentally produced corpora lutea. B. P. Khvatov. *Bull. biol. med. repd. U. R. S. S.* 5, 451-6 (1938); *Chem. Zentr.* 1939, I, 3910.
The size of the cell nuclei was used as a measure of the modification of follicular cells. Expts. on hogs and on ♀ rats indicated that normal corpora lutea were no different from those experimentally produced (by injection of progland). M. G. Moore

AMERICAN METALLOGRAPHIC LITERATURE CLASSIFICATION

62

KHIVATOV, N. I.

Khivatov, N. I. "On the methodology of studying the process of fecundation and movement of eggs in egg-laying mammals," Trudy Krymsk. med. in-ta im. Stalina, Vol. XII, 1948, p. 67-71

SO: U-3250, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

KHVATOV, B.P.

Khvatov, b.p. - "Materials on the innervation of sexual organs and changes after castration," Trudy Krymsk. med. in-ta im. Stalina, Vol. XI¹, 1948, p. 73-78

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

~~KIVATOV, Boris Pavlovich~~

[Fertilization and early stages of embryonic development in domestic animals] Oplodotvorenie i rannie stadii razvitiia zarodyshei sel'skokhoziaistvennykh zhivotnykh. Simferopol', Krymizdat, 1954.
129 p.
(Veterinary embryology) (Fertilization(Biology))

KHVATOV, B.P.

New data on ovulation, and movement and division of eggs in the oviducts in mammals. Arkh. anat. gist. i embr. 31 no.4:3-10 O-D '54.
(MLRA 8:2)

1. Iz kafedry gistolologii i embriologii (zav. prof. B.P.Khvatov)
Krymskogo meditsinskogo instituta imeni I.V.Stalina.
(OVULATION,
(OVUM,
transfer & division in mammals)

KHVATOV, Boris Pavlovich

[Structure and physiological modifications of the generative organs of female domestic animals] Stroenie i fiziologicheskie izmeneniia polovoi sistemy samok domashnikh zhivotnykh.
Simferopol', Krymizdat, 1955. 175 p. (MLRA 10:4)
(Generative organs, Female) (Domestic animals)

KHVATOV B. P.

USSR / General Problems of Pathology. Transplantation U
of Tissue and Tissue Therapy.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13534

Author : Khvatov, B. P.; Shilko, N. A.

Inst : Crimean Medical Institute

Title : The Influence of Folliculin on the Adaptation of
a Uterus Transplant.

Orig Pub : Tr. Krymsk. med. in-ta, 1957, 18, 38-42

Abstract : In castrated male rabbits and rats, a piece of
the horn of the uterus from an adult female was
transplanted into the abdominal cavity. The
rabbits each received 2000 units of folliculin
every other day, the rats 100 units each and
later 20 units each, with intervals of 3-5 days
for the duration of 37 or 58 days. In the con-
trol group, the transplant resorbed quickly.

W. J.

Card 1/2

KHVATOV, B.P. (Simferopol', 6, Bul'var Lenina, d.5/7, kv.2)

New data on fertilization in man. Arkh. anat. glist. i embr. 36 no.3:
42-43 Mr '59. (MIRA 12:7)

1. Kafedra gistolologii i embriologii (zav. - prof. B. P. Khvatov)
Krymskogo meditsinskogo instituta im. Stalina.
(FERTILIZATION
first stage of develop. in eviduct of human (Rus))

KHVATOV, B.P. (Simferopol', 6, bul'var Lenina, 5/7, kv.2)

Fertilization and early (tubal) stages in the development of man.
Arkh. anat. glist. i embr. 39 no. 12:3-17 '60. (MIRA 14:2)

I. Kafedra gistologii i embriologii (zav. - prof. B.P. Khvatov)
Krymskogo meditsinskogo instituta im. I.V. Stalina.
(EMBRYOLOGY, HUMAN)

KHVATOV, B.P., doktor med.nauk, prof.; SHAPOVALOV, Yu.N., kand.med.nauk

Contribution of embryology to medicine. Nauka i zhizn' 29 no.3:48-50
Mr '62. (MIRA 15:7)

1. Zaveduyushchiy kafedroy gistologii i embriologii Krymskogo
meditsinskogo instituta, Simferopol' (for Khvatov).
(EMBRYOLOGY, HUMAN)

ERVATOV, Boris Iakovovich, doktor med. nauk, prof.; FEDOROV,
Boris Iakovovich; SROK, Valentina, red.

[Embryo developed in a flask; a biological "seedling"]
mysticheskaya razvivayushchaya v kelbe; biologicheskaya "kelyebel".
Moskva, Izd-vo "Znanie," 1964. 31 p. (Novee v zhizni,
nauke, tekhnike. VIII Seriya: biologiya i meditsina, no.19)
(MIRA 18:1)

KIVATOV, F.

On the basis of increased activities of party organizations.
Prom.koop. 13 no.5: 34-35 My '59. (MIR 12:9)

1. Sekretar' Stalinskogo Rayonnogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuza, g. Stalingrad.
(Stalingrad--Cooperative societies)

KHVATOV, N.F. (Moskva)

Rare case of an asymptomatic giant pheochromocytoma. *Khirurgija*
40 no.12:124-126 D '64. (MIRA 18:3)

KHVATOV, P.P., student IV kursa

Modification of the phagocytic index in peptic ulcer under various functional conditions of the central nervous system. Trudy LSGMI 20:100-104 '54. (MLRA 10:8)

1. Klinika fakul'tetskoy terapii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta, zav. kafedroy - prof. V.D. Vyshegorodtseva.

(PEPTIC ULCER, blood in, phagocytic index)

(PHAGOCYTOSIS, in various diseases, peptic ulcer, phagocytic index)

KHVATOV, R.S., teknik.

Muffleless boiler firing. Energetik 5 no.3:13-14 Mr '57.
(MLRA 10:3)
(Boilers)

BEREZKIN, V., sud'ya vsesoyuznoy kategorii; YEGOROV, V., master sporta;
ZELIKSON, L., sud'ya vsesoyuznyy kategorii; MAYBORODA, O.,
sportamen 1 razryada; MIKHAYLOV, Yu., master sporta, prizer
pervenstva SSSR po rally; STELLIFEROVSKIY, V., sud'ya respublikanskoy
kategorii; CHERTOV, R., master sporta, champion Moskvy po rally;
KIVATOV, V., master sporta; SHUVALOV, L., master sporta, prizer
pervenstv SSSR i Litvy po rally

Means for the development of rally races. Za rul. 21 no.5:16-17
My '63. (MIRA 16:9)

1. Chleny obshchestvennogo soveta po avtomobil'nому sportu pri
redaktsii zhurnala "Za rulem".
(Automobile racing)

CHERNAYKIN, V.; MINAYEV, A.; KHVATOV, V.

Abroad. Avt.transp. 42 no.2357-59 F 164.

(MIRA 17:3)

Khvato^{v.i.}

AUTHORS: Dorman, S.G. (Chief Designer), and Khvatov, V.I. 130-3-12/22
TITLE: Lengthening the input ^{roller} tables of a blooming mill. (Udlinenie priyemnykh rol'gangov bluminga).
PERIODICAL: "Metallurg" (Metallurgist), 1957, No.3, pp.22-24. (U.S.S.R.)
ABSTRACT: Defects in the ingot-conveying system were hampering the achievement of higher productivity at the Magnitogorsk blooming mills and the present article describes the work carried out to remove these defects. The work involved the lengthening of the input tables of both the blooming mills by about 30 m. The work was complicated by the fact that it had to be completed within three days. The procedure adopted had as its main features: 1) the use of prefabricated ferro-concrete blocks with a volume of 30 m³ and a weight of 75 tons each for the foundations of the table and ingot-dumper; 2) the use of a special device with a lifting capacity of 75 tons and mounted on the metalwork of the soaking pits crane for placing the blocks and the large pre-assembled sections of the tables; 3) the completion of a foundation-trench for the future table before the start of the work. The operation was completed in time and secured the anticipated improvement in ingot-conveying. The organization adopted is recommended for other works. There are 3 diagrams, 1 photograph.
Card 1/1
ASSOCIATION: Planning Department of the Magnitogorsk Metallurgical Combine. (Proyektnyy otdel Magnitogorskogo Metallurgicheskogo Kombinata).
AVAILABLE:

ZABOLOTNIKOVA, I.I.; KHVATOV, V.V.

Alkali rocks in the Synzas section. Mat.po gael.Zap.Sib. no.64:
173-177 '63.

Nepheline and sodalite-cancrinite rocks in the Kobarzinsk section.
(MIRA 17:4)
Ibid.:177-193

AUTHOR: Khvatov, Yu.A., Head Technologist SOV/127-58-11-13/16

TITLE: The Operational Experience of the Concentration Mill of Yu-GOK (Opyt raboty obogatitel'noy fabriki YuGOK)

PERIODICAL: Gornyy zhurnal, 1958, Nr 11, pp 64 - 68 (USSR)

ABSTRACT: The author reports on the results obtained at the concentration mill of the Yuzhnny gorno-obogatitel'nyy kombinat - YuGOK (The Southern Mining-Concentration Kombinat) - after some defects in the technological process were corrected. Since 1957 the mill has been working on a new technology. Results of the work are given in table 1. All phases of the work are described. There are 3 tables, 3 schematic diagrams, 2 graphs and 4 Soviet references.

ASSOCIATION: YuGOK

Card 1/1

1. Mining engineering--USSR

KHVATOV, Yu.A., gornyy inzh.; BURAYEV, B.K., gornyy inzh.

Production of a high-quality magnetic concentrate at the New
Krivoy Rog Mining and Ore Dressing Combine. Gor. zhur. no.11;
64-66 N '64.
(MIRA 18s2)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

DENISENKO, A.I.; KARMAZIN, V.I.; SULTANOVICH, Ye.A.; MIGUTSKIY, L.R.;
KHVATOV, Yu.A.; BURAYEV, B.K.

Industrial testing of ore pebble crushing of Krivoy Rog Basin
quartzites. Gor. zhur. no.4:57-60 Ap '65. (MIRA 18:5)

1. Dnepropetrovskiy gornyy institut (for Denisenko, Karmazin,
Sultanovich). 2. Novo-Krivorozhskiy gornoobogatitel'nyy kom-
binat (for Migutskiy, Khvatov, Burayev).

KHVATOV, Yu.A.; POLYAKOV, N.A.

Use of new ore-dressing equipment. Gor.zhur. no.4:58-62 Ap '62.
(MIRA 15:1.)

1. Nachal'nik obogatitel'noy fabriki Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Khvatov). 2. Glavnnyy obogatitel' Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Polyakov).
(Krivoy Rog Basin--Ore dressing---Equipment and supplies)

BINKEVICH, V.A.; KHVATOV, Yu.A.; POLYAKOV, N.A.; BURAYEV, B.K.

Operation of rod and ball mills in the first and second stages of milling. Gor. zhur. no.1:65-67 Ja '62. (MIRA 15:7)

1. Dnepropetrovskiy sovnarkhoz (for Binkevich). 2. Novo-Krivorozhskiy gorno-obogatitel'nyy kombinat (for Khvatov, Polyakov, Burayev).

(Krivoy Rog--Mining machinery)

KABISHCHER, S.G.; KARMAZIN, V.I.; KHVATOV, Yu.A.; BURAYEV, B.K.

Obtaining high-grade flotation concentrates at the New Krivoy Rog
Mining and Ore Dressing Combine. Gor.zhur. no.8:58-62 Ag '62.
(MIRA 15:8)

1. Makhanobrchermet (for Kabishcher). 2. Dnepropetrovskiy
gornyy institut (for Karmazin). 3. Novo-Krivorozhskiy gorno-
obogatitel'nyy kombinat (for Khvatov, Burayev).
(Krivoy Rog Basin—Flotation)

KARMAZIN, V.I., doktor tekhn.nauk; KABISHER, S.G., inzh.; KHVATOV, Yu.A.,
inzh.; KARMAZIN, V.V., inzh.; BURAYEV, B.K., inzh.

Industrial production of final iron ore concentrates. Met. i
gornorud. prom. no.3:58-62 My-Je '62. (MIRA 15:9)
(Ore dressing)

KHVATOV, Yu.A., inzh.; VILENKO, D.M., inzh.; KNYAZHITSKIY, Yu.A., inzh.

New durable designs of lining plates for ore grinding mills. Gor.
zhur. no.12:31-35 D '63. (MIRA 17:3)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

BUTAKOV, S.Ye., prof., doktor tekhn. nauk; KHVATOV, Yu.V., assistant

Using the reaction method in the investigation of ventilation
installations. Sbor. nauch. trud. Ural. politekh. inst.
no.122:268-274 '61. (MIRA 17:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury
SSSR.

KHVATOV, Yu.V., inzh.

Testing centrifugal fans by a reaction technique. Izv. vys. ucheb.
zav.; gor. zhur. 7 no.10:130-133 '64.

(MIRA 18:1)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova. Rekomendovana kafedroy teplogazosnabzheniya i ventilyatsii.

KHVATOVA, A.V.

"The Change in the Functions of the Visual Analysor During the Course of Orthoptic Treatment for Convergent Strabismus." Cand Ned Sci, First Moscow Inst, Moscow, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

BUKATSKA, A. V. (Card. Med. Sci.) and BUKATSKY, Yu. N. (Card. Med. Sci.)

"Einige prinzipielle Fragen der Untersuchungsmethoden des Binocularsehens im Zusammenhang mit der Behandlungsmöglichkeit des Schielens ohne Operation," Monatschrift für Fehlmechanik und Optik, No. 3, Aug. 1968.

State Scientific Inst. for Ophthalmology Leningrad, RSFSR

KHVATOVA, A.V.

Origin of concomitant strabismus. Probl.fiziol.opt. 12:480-484 '58
(MIRA 11:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaznykh bolezney
im. Gel'mgol'tsa.
(STRABISMUS)

BELOSTOTSKIY, Ye.M.; KHIVATOVA, A.V.

Diagnosis and treatment of concomitant strabismus (present status
of the problem). Oft.zhur. 14 no.5:259-269 '59.
(MIRA 12:10)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta
glaznykh bolezney im. Gel'mgol'tsa (direktor - kand.med.nauk
A.V.Roslavtsev).

(STRABISMUS)

BELOSTOTSKIY, Yevgeniy Maksimovich; KHVATOVA, A.V.; red.; KUZ'MINA,
N.S., tekhn.red.

[Diagnosis and treatment of concomitant strabismus at the current
stage of knowledge] Diagnostika i lechenie sodruzhestvennogo
kosoglaziiia na sovremenном etape znanii. Moskva, Gos.izd-vo med.
lit-ry Medgiz, 1960. 132 p. (MIRA 14:1)
(STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

Frequency of sympathetic ophthalmia. Oft. zhur. 15 no.9:465-468
'60. (MIRA 14:1)

1. Iz Nauchno-issledovatel'skogo instituta glaznykh bolezney im.
Gel'mgol'tsa (direktor - A.V.Roslavtsev).
(EYE—INFLAMMATION)

BELOSTOTSKAYA, Ye.M.; KHVATOVA, A.V.

Problem of the character of visual disorders in children of
school age. Pediatrilia 38 no.1:72-76 '60.

(MIRA 13:10)

(VISION)

DANTSIG, Naum Moiseyevich; KHVATOVA, A.V., red.; ZUYEVA, N.K., tekhn.
red.

[Hygiene of vision in school children] Gigiena zreniya uchashchikhsia
shkol. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p.
(MIRA 14:7)

(EYE—CARE AND HYGIENE)

ZAGORA, Edvard[Zagora, Edward], doktor med.; ZAKOL'SKIY, V.G.[translator];
ROMANOVSKIY, M.M.[translator]; DANTSIG, N.M., prof., red.;
KHVATOVA, A.V., red.; GABERLAND, M.I., tekhn. red.

[Industrial ophthalmology] Promyshlennaia oftal'mologiia. Pod
red. N.M.Dantsiga. Moskva, Medgiz, 1961. 395 p. (MIRA 15:4)
(INDUSTRIAL OPHTHALMOLOGY)

ORLOVA, Yelena Mikhaylovna; BELOSTOTSKIY, Yevgeniy Maksimovich [deceased];
KHVATOVA, A.V., red.; GABERLAND, M.I., tekhn.red.

[Contact lenses] Kontaktnye linzy. Moskva, Medgiz, 1961.
114 p. (MIRA 15:5)
(CONTACT LENSES)

ZOLOTAREVA, Mariya Mikhaylovna; KHVATOVA, A.V., red.; POGOSKINA, M.V.,
tekhn. red.

[Eye diseases; a textbook for medical schools] Glaznye bolezni;
uchebnik dlia meditsinskikh uchilishch. 2. izd., dop. i ispr.
Moskva, Medgiz, 1961. 230 p. (MIRA 15:7)
(EYE—DISEASES AND DEFECTS)

AVERBAKH, F.A.; KHVATOVA, A.V., red.; GONCHAROVA, T.I., tekhn. red.

[Industrial medical expertise in eye diseases] Vrachebno-trudovaia ekspertiza pri glaznykh zabolеваний. 2. izd.
Moskva, Medgiz, 1962. 65 p.

(MIRA 15:9)

(DISABILITY EVALUATION)
(EYE--DISEASES AND DEFECTS)

BELOSTOTSKIY, Ye.M., doktor med.nauk [deceased]; AVETISOV, E.S., kand.
med.nauk; FRIDMAN, S.Ya., kand.med.nauk; SMOL'YANINOVA, I.L.,
kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Basic problems of diagnosis and treatment of concomitant
strabismus. Uch.zap. GNII glaz.bol. no.7:7-12 '62.

(MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-
issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SEMENOVSKAYA, Ye.N., doktor biolog.nauk; KHVATOVA, A.V., kand.med.nauk

Electrooculography in strabismus. Uch.zap. GNII glaz.bol. no.7:
41-47 '62. (MIRA 16:5)

1. Iz laboratorii fiziologicheskoy optiki i travmatologicheskogo
otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta
glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS) (ELECTROPHYSIOLOGY)

KHVATOVA, A.V., kand.med.nauk

Results of pre- and postoperative treatment and surgery in
concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:101-107
'62. (MIRA 16:5)

1. Iz travmatologicheskogo otdeleniya i otdeleniya okhrany zreniya
detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh
bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

Surgery in convergent concomitant strabismus in children of pre-school and primary school age. Uch.zap. CNII glaz.bol. no.7:113-123 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

BELOSTOTSKAYA, Ye.M., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Prevention of visual disorders in children of preschool age and
in schoolchildren. Uch.zap. GNII glaz.bol. no.7:241-252 '62.
(MIRA 16:5)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii
i gigiyeny imeni Krasmana i Gosudarstvennogo nauchno-issledovatel'-
skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(EYE CARE AND HYGIENE)

SMOL'YANINOVA, I.L., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Methodological basis of pre- and postoperative treatment and
surgery in concomitant strabismus. Uch.zap. GNII glaz.bol.
no.7:81-90 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo
otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta
glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

KHVATOVA, A. V., kand.med.nauk

So-called "invisible" strabismus. Uch.zap. GnII glaz.bol. no.7:
281-283 '62. (MIRA 16:5)

1. Iz travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-
issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

CHERNYAVSKIY, Grigoriy Yakovlevich; KHVATOVA, A.V., red.; BASHMAKOV,
G.M., tekhn. red.

[What should be known about glaucoma] Chto nado znat' o glau-
kome. Moskva, Medgiz, 1963. 25 p.
(GLAUCOMA) (MIRA 16:2)